

### **INPUT SET: S3070.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

## **SEQUENCE LISTING**

- 3 (1) General Information:  
4  
5 (i) APPLICANT: STRACKE, MARY; LIOTTA, LANCE;  
6 SCHIFFMANN, ELLIOTT; KRUTZSCH,  
7 HENRY  
8  
9 (ii) TITLE OF INVENTION: MOTILITY STIMULATING  
10 PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
11 THERAPY  
12  
13 (iii) NUMBER OF SEQUENCES: 54  
14  
15 (iv) CORRESPONDENCE ADDRESS:  
16 (A) ADDRESSEE: MORGAN & FINNEGAN  
17 (B) STREET: 345 PARK AVENUE  
18 (C) CITY: NEW YORK  
19 (D) STATE: NEW YORK  
20 (E) COUNTRY: U.S.A.  
21 (F) ZIP: 10154  
22  
23 (v) COMPUTER READABLE FORM:  
24 (A) MEDIUM TYPE: Floppy Disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: WordPerfect 5.1  
28  
29 (vi) CURRENT APPLICATION DATA:  
30 (A) APPLICATION NUMBER:  
31 (B) FILING DATE: 25-MAY-1994  
32 (C) CLASSIFICATION:  
33  
34 (vii) PRIOR APPLICATION DATA  
35 (A) APPLICATION NUMBER: 07/822,043  
36 (B) FILING DATE: 17-JAN-1992  
37  
38 (viii) ATTORNEY/AGENT INFORMATION:  
39 (A) NAME: DOROTHY R. AUTH  
40 (B) REGISTRATION NUMBER: 36,434  
41 (C) DOCKET NUMBER: 2026-4149US1  
42  
43 (ix) TELECOMMUNICATION INFORMATION:  
44 (A) TELEPHONE: (212) 758-4800  
45 (B) TELEFAX: (212) 751-6849  
46

Reference/Docket Number:

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/249,182**DATE: 06/16/94  
TIME: 11:23:29**INPUT SET: S3070.raw**

47  
48 (2) INFORMATION FOR SEQ ID NO:1:  
49  
50 (i) SEQUENCE CHARACTERISTICS:  
51 (A) LENGTH: 5  
52 (B) TYPE: amino acid  
53  
54  
55  
56  
57  
58  
59  
60 (D) TOPOLOGY: linear  
61  
62  
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
64  
65 Trp His Val Ala Arg  
66 1 5  
67  
68 (2) INFORMATION FOR SEQ ID NO:2:  
69  
70 (i) SEQUENCE CHARACTERISTICS:  
71 (A) LENGTH: 6  
72 (B) TYPE: amino acid  
73 (D) TOPOLOGY: linear  
74  
75  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
77  
78 Pro Leu Asp Val Tyr Lys  
79 1 5  
80  
81 (2) INFORMATION FOR SEQ ID NO:3:  
82  
83 (i) SEQUENCE CHARACTERISTICS:  
84 (A) LENGTH: 5  
85 (B) TYPE: amino acid  
86 (D) TOPOLOGY: linear  
87  
88  
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
90  
91 Tyr Pro Ala Phe Lys  
92 1 5  
93  
94 (2) INFORMATION FOR SEQ ID NO:4:  
95  
96 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 5 amino acids  
98 (B) TYPE: amino acid  
99 (D) TOPOLOGY: linear

**RAW SEQUENCE LISTING  
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100  
101  
102       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
103  
104       Gln Ala Glu Val Ser  
105        1               5  
106  
107       (2) INFORMATION FOR SEQ ID NO:5:  
108  
109       (i) SEQUENCE CHARACTERISTICS:  
110          (A) LENGTH: 10  
111          (B) TYPE: amino acid  
112  
113  
114  
115  
116  
117  
118  
119       (D) TOPOLOGY: linear  
120  
121  
122       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
123  
124       Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu  
125        1               5                   10  
126  
127       (2) INFORMATION FOR SEQ ID NO:6:  
128  
129       (i) SEQUENCE CHARACTERISTICS:  
130          (A) LENGTH: 9  
131          (B) TYPE: amino acid  
132          (D) TOPOLOGY: linear  
133  
134       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
135  
136       Tyr Asp Val Pro Trp Asn Glu Thr Ile  
137        1               5  
138  
139       (2) INFORMATION FOR SEQ ID NO:7:  
140  
141       (i) SEQUENCE CHARACTERISTICS:  
142          (A) LENGTH: 10  
143          (B) TYPE: amino acid  
144          (D) TOPOLOGY: linear  
145  
146  
147       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
148  
149       Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr  
150        1               5                   10  
151  
152       (2) INFORMATION FOR SEQ ID NO:8:

**RAW SEQUENCE LISTING  
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153  
154       (i) SEQUENCE CHARACTERISTICS:  
155           (A) LENGTH: 11  
156           (B) TYPE: amino acid  
157           (D) TOPOLOGY: linear  
158  
159  
160       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
161  
162       Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys  
163           1               5                           10  
164  
165       (2) INFORMATION FOR SEQ ID NO:9:  
166  
167       (i) SEQUENCE CHARACTERISTICS:  
168           (A) LENGTH: 16  
169           (B) TYPE: amino acid  
170           (D) TOPOLOGY: linear  
171  
172  
173  
174  
175  
176  
177  
178  
179       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
180  
181       Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly  
182           1               5                           10  
183  
184       Pro Thr Phe Lys  
185           15  
186  
187       (2) INFORMATION FOR SEQ ID NO:10:  
188  
189       (i) SEQUENCE CHARACTERISTICS:  
190           (A) LENGTH: 12  
191           (B) TYPE: amino acid  
192           (D) TOPOLOGY: linear  
193  
194  
195       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
196  
197       Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg  
198           1               5                           10  
199  
200       (2) INFORMATION FOR SEQ ID NO:11:  
201  
202       (i) SEQUENCE CHARACTERISTICS:  
203           (A) LENGTH: 23  
204           (B) TYPE: amino acid  
205           (D) TOPOLOGY: linear

**RAW SEQUENCE LISTING  
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206  
207  
208  
209       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
210  
211       Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp  
212       1                   5                           10  
213  
214       Asp Ile Thr Leu Val Pro Glu Thr Leu Gly Arg  
215       15   20  
216  
217

218       (2) INFORMATION FOR SEQ ID NO:12:

219  
220       (i) SEQUENCE CHARACTERISTICS:  
221           (A) LENGTH: 18  
222           (B) TYPE: nucleic acid  
223           (C) STRANDEDNESS: single  
224           (D) TOPOLOGY: linear  
225  
226

227       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

228  
229       GTTGGCAGCN ACRTGCCA                           18  
230  
231  
232  
233  
234  
235  
236  
237

238       (2) INFORMATION FOR SEQ ID NO:13:

239  
240       (i) SEQUENCE CHARACTERISTICS:  
241           (A) LENGTH: 18  
242           (B) TYPE: nucleic acid  
243           (C) STRANDEDNESS: single  
244           (D) TOPOLOGY: linear  
245  
246

247       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

248  
249       TGGCAYGTNG CTGCCAAC                           18  
250

251       (2) INFORMATION FOR SEQ ID NO:14:

252  
253       (i) SEQUENCE CHARACTERISTICS:  
254           (A) LENGTH: 15  
255           (B) TYPE: nucleic acid  
256           (C) STRANDEDNESS: single  
257           (D) TOPOLOGY: linear  
258

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/249,182**

DATE: 06/16/94  
TIME: 11:23:51

***INPUT SET: S3070.raw***

Line	Error	Original Text
41	Unknown or Misplaced Identifier	(C) DOCKET NUMBER: 2026-4149US1